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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 06670/0202824-US0
INTERNATIONAL APPLICATION NO. PCT/CA03/01560		INTERNATIONAL FILING DATE 14 October 2003
TITLE OF INVENTION APPARATUS AND METHOD FOR MODIFYING A POWER FLOW IN A SECTION OF AN ELECTRIC POWER LINE		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/532032</b> PRIORITY DATE CLAIMED 22 October 2002
APPLICANT(S) FOR DO/EO/US Pierre Couture		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Claim for Priority and Submission of Document; List of Practitioners; Change of Correspondence Address; and Return Receipt Postcard

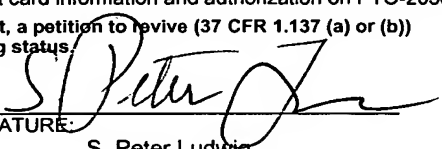
JC20 Rec'd PCT/PTO 21 APR 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. <b>10/532032</b> INTERNATIONAL APPLICATION NO. PCT/CA03/01560		ATTORNEY'S DOCKET NUMBER 06670/0202824-US0	
The following fees have been submitted		CALCULATIONS	PTO USE ONLY
21.	<input checked="" type="checkbox"/> Basic national fee .....\$300	\$ 300.00	
22.	<input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....\$100 All other situations .....\$200	\$ 200.00	
23.	<input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100 International Search Report prepared and provided to the Office .....\$400 All other situations .....\$500	\$ 500.00	
<b>TOTAL OF 21, 22 and 23 =</b>		\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
36 - 100 =	/50 =		x \$250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	21 - 20 =	1	x 50.00
Independent claims	2 - 3 =		x 0.00
MULTIPLE DEPENDENT CLAIM(s) (if applicable)		+	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 1,050.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.			
<b>SUBTOTAL =</b>		\$ 1,050.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).		+	\$
<b>TOTAL NATIONAL FEE =</b>		\$ 1,050.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+	\$ 40.00
<b>TOTAL FEES ENCLOSED =</b>		\$ 1,090.00	
		Amount to be refunded:	\$
		Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,090.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.			
SEND ALL CORRESPONDENCE TO: S. Peter Ludwig DARBY & DARBY P.C. P.O. Box 5257 New York, New York 10150-5257 (212) 527-7770 CUSTOMER NUMBER: 07278			
		SIGNATURE: 	
		NAME: S. Peter Ludwig	
		REGISTRATION NUMBER: 25,351	

10/532032

JC20 Rec'd PCT/PTO 21 APR 2005

Application No. (if known):

Attorney Docket No.: 06670/0202824-US0

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV447562702 in an envelope addressed to:

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on April 21, 2005  
Date



Signature

Pat Campbell

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (2 pgs.)

Application Data Sheet (2 pgs.)

Claim for Priority and Submission of Document (1 pg) and a certified copy of the priority document

English language translation of the International appln: Specification (16 pgs.); Claims (6 pgs.); Abstract (1 pg.); Figs. 1-13 (10 pgs)

Oath or declaration of the inventor(s) (2 pgs.)

List of practitioners to be made of Record (1 pg.)

Change of Correspondence Address (1 pg.)

Information Disclosure Statement (4 pgs.); Form PTO SB/08 (1 pg.); and two (2) documents

Assignment and Form PTO 1595 (4 pgs.)

Check No. 8364 in the amount of \$1,090.00